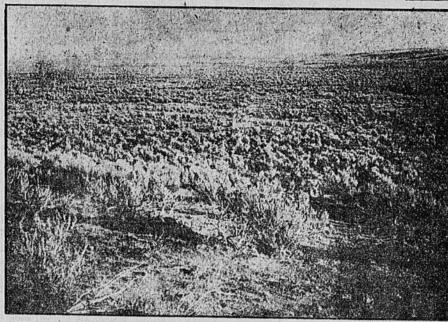
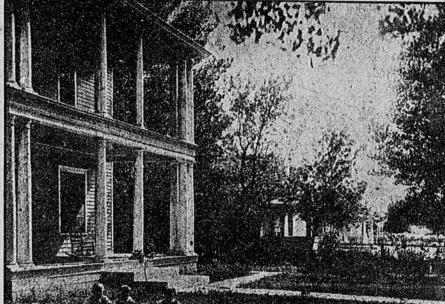
Uncle Sam's Oases---How the Government Engineers Are Making Gardens of Great American Deserts







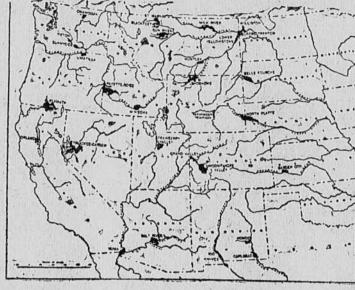
Sixty Million Dollars Already Invested and One Million Acres Under Water-The Mighty Dams of the Arid West and What They Are Doing-An Irrigated Empire in the Heart of the Rockies-Where Apple Is King-California Projects. All About the Reclamation Service and What It Has Already Accomplished.

running clear around the world at the equator, and in addition to equal a hole three feet equare run through the globe from one side to the other, and a similar tunnel dug at right angles to this from pole to pole.

Where the Gases Are.



hole pirce feet ensure two thought and a similar tunnel dign at right and the similar tunnel dign at right and tunnel dign at rig



acres. When our reclamation projects are completed they will reclaim 45, 000,000 or 50,000,000 acres have alloutputs of are considered they will reclaim 45, 000,000 or 50,000,000 acres have alloutputs of are considered they will reclaim 45, 000,000 or 50,000,000 acres have alloutputs of and support proportionately as getting from \$800 to \$2,000 per annum on their forty-acre farms. Neverthediversified crops, from which they are setting from \$800 to \$2,000 per annum on their forty-acre farms. Neverthesetting from \$800 to \$2,000 per annum on their forty-acre farms. Neverthediversified crops, from which they are setting from \$800 to \$2,000 per annum on their forty-acre farms. Neverthediversified crops, from which they are the pick before the government took hold of it. Uncle Sam had to spend \$1,000,000 before it was feady for settlement, but the lands are now of the pick and to see the pick and the setting paid for, and every cent of this money will eventually come back into the Treasury.

Going westward into Oregon and where the chances are even greater than in the irrigated sections farther the control of the pick and the setting from \$800 to \$2,000 per annum on their forty-acre farms. Neverthetook hold of it. Uncle Sam had to spend \$1,000,000 before it was feady for settlement, but the lands are now of the pick and the p

than in the irrigated sections farther East. Here are the Yakima projects in a region where full-bearing apple orcharda produce crops worth from \$300 to \$1,200 per acre, and where peaches do quite well. Yakima county is shipping hundreds of thousands of boxes of apples each year, and millions of young frees are now growing. Alfaifa hay brings there \$5 a ton in the stack, and in one year the valley where this project is eitnated sold its hay crop for \$2,000,000 This is a country of towns, newspapers and up-towhere this project is s'tuated sold its hay crop for \$2.000.000. This is a country of towns, newspapers and up-to-date people. There are many private irrigation works under way, and the products of the valley are so well known that they command a ready market. It is a land at banks, schools and churches, and one where the so-cial conditions are aiready-established. The government estimates that by proper storage sufficient water can be saved to irrigate 460,000 acrés, and a large area is now under water. Dams have been put up, canais dug, and the farmers are tilling the soil. The cost of the land on the ten-year instalment plan is \$52 per acre, and the maintenance charge is 95 cents per acre per annum. This seems rather high for one who does not understand the conditions, but when it is remembered that orchards are worth from \$500 to several thousand dollars per acre, when they have once come into bearing, the possible profits are plain.

Another fruit project in Washington is the Okanogan, which will redeem 10,000 acres of high-grade fruit lands. This is completed.

Going south we come to the Umitilla

Howardsville Social News

Howardsville Social News
[Special to The Times-Dispatch.]
Howardsville, Var. August 5.—A delightful lea was given Wednesday
afternoon by Mrs. J. K. Irving at her
home, "Selhua." Ref. eshments were
served by Misses Mary Irving, and
Elizabeth Bentley, of Richmond.
Mrs. James Morrison, of Lynchburg;
Miss Nan Clayborne and Mrs. Willie
Anderson are the guests of Mrs.
Charles McCulloch at "Dornoch."
Miss Fannie Brady of Wheeling, is
visiting her brother, A. F. Brady,
Miss Cunningham, of North Carolina,
is the guest this week of her uncle.
G. W. Glimer.
Miss Willie Glover, of Buckingham,
is visiting her brother, Dr. S. R.
Glover.
Mr. and Mrs. Caldwell Horsley, of

Harrisonburg Social News

Harrisonburg, Va., August 5 - Mrs. John E. Roller and three children are visiting Miss Caroline Cabell, of Inglewood, Nelson county.

W. H. Taliaferro, of Baltimore, is visiting his wife, who is spending the summer here with her mother. Mrs. Kent.

visiting her uncle, J. A. Payne, near Linville.

Misses Bessle and Effie Glies, of Roanoke, are spending some time at the home of W. R. Fallis, near Mt Clinton.

Mrs. A. H. Strother, of Raitimore, is visiting her slater. Mrs. C. D. Harrison.

Miss Frances McIntyre, of Philadelphia, is, visiting Miss Sue Bradlev.

Miss Katherine Harney, of Richmond, was hosiess at a recent entertainment at Hotel Elkion, in Elkion. Among the guests were Misses Priscilla Anna and Helen Chancellor, of Raitimore; Midred Chancellor, of Raitimore; Midred Chancellor, of Ruchmond was a chaperon.

Mr. and Mrs. H. Marvin Umbergare have for their guests this week Mrs. Save for their guests the have for the Australia and Local Australia and L

sattimore, where she spent more than a month with relatives.
Dr. and Mrs. J. F. Hicks and their daughter, Mrs. W. A. Read, have returned from Linville, N. C., where they spent ten days.

Cismont Social News

Cismont Social News

[Special to The Times-Dispatch.]

Cismont, Va., August 5.—Among the many charming guests now visiting in this neighborhood are Mrs. Charles Dickinson and little son, staying with Mrs. Shackleford at "Seven Oaka"; Miss Orace Lyon and Mrs. Todd. of Richmond, at "Raynham Hall", Mrs. Nelson, the Misses Nelson, Miss Crutchfield; Mrs. Fox and Miss Fox, of Richmond, at "Belvidere"; Miss Scott, of Amilerst; Miss Cleeton and Russell Bowles, of Richmond, at "Kinloch."

Mr. and Mrs. Joslin, of Clover Hill, are away for the summer in New Hampshire.

Miss Marion Poor, of Richmond, Is visiting Miss Helen Money at Homiso House."

Mr. and Mrs. Joslin, of Clover hill, are away for the summer in New Hampshire.

Mr. and Mrs. Joslin Morris have left Campbell for a round of horse shows, beginning at Orange, where they now are.

The hopeless illness of Hugh Morris

are.

The hopeless illness of Hugh Morrison, who now lies at Saranac, New York, attended by his wife, has cast a shadow of distress over the neighborhood.

Pocahontas Social News

(Special to The Times-Dispatch.)
Focahontas, Vs., August 5.—Mr. and rs. Thomas B. Dennen have for their test Miss Josephine Denuen, of Richmond.

Mr and Mrs. H. Marvin Umbergars have for their guests this week Mrs. Sprague and daughter. Elvina. of Cincinnati, O.

J. G. Fole left Tuesday for his vacation, which will be spent in Lexing.